

XP-002261644

AN - 1994-022406 [03]

A - [001] 017 03- 04- 040 06- 061 062 063 08& 10- 15- 17& 17- 18& 18- 19&
19- 20& 226 231 301 308 315 32- 341 359 42& 431 448 449 45- 454 473
48- 491 50- 502 52& 551 560 562 566 57& 623 629 654 672 688 720 723
- [002] 017 03- 032 034 04- 041 046 052 117 123 27& 42& 431 454 502 52&
551 560 562 566 57& 623 629 672 723

AP - JP19920158995 19920527

CPY - GEON-N

- HOND

- JAPG

DC - A14 A17 A21 A95 P73 Q17 Q22

DR - 1278-U 5243-U

FS - CPI;GMPI

IC - B32B5/18 ; B32B27/30 ; B60R13/08 ; B62D29/00 ; C08L27/06 ; C08L63/00

KS - 0009 0054 0057 0060 0063 0066 0147 0150 0153 0165 0168 0207 0209 0218
0229 0231 0264 0759 1102 1282 2020 2198 2211 2220 2231 2236 2285 2300
2305 2306 2419 2442 2449 2454 2493 2522 2536 2540 2623 2628 2751 2829
3171 3228 3300

MC - A04-E02E A05-A01E A07-A04A A08-B01 A08-D01 A08-P01 A11-B06A A11-C01A
A12-H09 A12-S03 A12-T04B

PA - (GEON-N) GEON KASEI KK

- (HOND) HONDA MOTOR CO LTD

- (JAPG) NIPPON ZEON KK

PN - JP5329973 A 19931214 DW199403 B32B5/18 008pp

PR - JP19920158995 19920527

XA - C1994-010075

XIC - B32B-005/18 ; B32B-027/30 ; B60R-013/08 ; B62D-029/00 ; C08L-027/06 ;
C08L-063/00

XP - N1994-017656

AB - J05329973 The structure comprises a spacer layer (I) comprising
foamable thermosetting resin formed a damping substrate for vehicles a
damping material sheet layer (II) on the spacer layer, and a
restricting layer (III) formed on the damping sheet layer. Each
interfaces of these layers is unified by melt adhering. The spacer
layer (I) is foamed at the same time. The spacer layer comprises a PVC
resin, plasticiser, foaming agent, epoxy resin, and hardener for the
epoxy resin. Pref. space layer comprises 100 pts. wt. PVC resin in
semi-gel state and 20-500 pts. wt. epoxy resin. The damping material
sheet layer (II) comprises a butyl rubber type compsn. and restricting
layer (III) comprises a metal sheet.

- USE/ADVANTAGE - The structure can be readily fixed by heating on a
damping substrate and is used for floor panel, dash panel, and wheel
house vehicles.

- In an example, a semi-gel foamable sheet as a spacer sheet was pr pd.
by blending and coating microsuspension PVC, plasticiser, liq. epoxy
resin, calcium CaCO₃, hardener, foaming agent and etc. on a rel asing
paper. A damping sheet was prepd. by pressing compsn. comprising butyl
rubber, C black, calcium carbonate, mica and calcium stearate. The
spacer sheet, the damping sheet and a steel plate as restricting plate
were superimposed damping substrate and heated and make foam to
prepare a damping structure.(Dwg.0/1)

IW - RIGID DAMP STRUCTURE VEHICLE COMPRISE SPACE LAYER THERMOSETTING RESIN
DAMP SHEET RESTRICT LAYER SPACE LAYER CONTAIN PVC PLASTICISED FOAM
AGENT POLYEPOXIDE RESIN

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DAMP SHEET RESTRICT LAYER SPACE LAYER CONTAIN PVC PLASTICISED FOAM
AGENT POLYEPOXIDE RESIN

NC - 001

OPD - 1992-05-27

ORD - 1993-12-14

PAW - (GEON-N) GEON KASEI KK

- (HOND) HONDA MOTOR CO LTD

- (JAPG) NIPPON ZEON KK

TI - Rigid damping structure for vehicles - comprises spacer layer of
thermosetting resin, damping sheet, and restricting layer, the spacer
layer contg PVC plasticiser foaming agent, epoxy] resin etc

A01 - [001] R00338 G0544 G0022 D01 D12 D10 D51 D53 D58 D69 D82 CI 7A ;
H0000 ; S9999 S1581 ; S9999 S1309-R ; M9999 M2073 ; L9999 L2391 ;
L9999 L2073 ; P1796 P1809 ;

- [002] P0464-R ; S9999 S1309-R ; S9999 S1581 ; M9999 M2073 ; L9999
L2391 ; L9999 L2073 ; H0328 ;

- [003] K9745-R ; K9449 ; N9999 N6086 ; K9712 K9676 ; Q9999 Q7954
Q7885 ; Q9999 Q9289 Q9212 ; Q9999 Q9234 Q9212 ; B9999 B4079 B3930
B3838 B3747 ; B9999 B3963-R B3930 B3838 B3747 ; N9999 N7192 N7023 ;
N9999 N6166 ; K9698 K9676 ; K9676-R ; K9574 K9483 ; ND01 ; ND07 ;

- [004] A999 A260-R ; A999 A384 ; A999 A157-R ;

- [005] R01278 D00 F44 C- 4A O- 6A Ca 2A ; A999 A237 ;

A02 - [001] R00429 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D85 ; R00966
G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D84 ; H0022 H0011
; H0124-R ; S9999 S1581 ; P1150 ; P0328 ; P0431 ;

- [002] Q9999 Q7954 Q7885 ; Q9999 Q9289 Q9212 ; Q9999 Q9234 Q9212 ;
B9999 B4079 B3930 B3838 B3747 ; B9999 B3963-R B3930 B3838 B3747 ;
N9999 N7192 N7023 ; N9999 N6166 ; K9698 K9676 ; K9676-R ; K9574
K9483 ; ND01 ; ND07 ;